

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| L1    | 50   | ("6249824" "5319395" "6243348" "6072185" "4771375" "5388074" "5657398" "5805155" "5177796" "5237529" "5274508" "5321699" "5386422" "5440686" "5469444" "5592413" "5724241" "5255226" "5477492" "5508541" "5511212" "5684693" "5719900" "5736760" "5847992" "5956400" "6201658" "6202073" "4924426" "4949287" "5003408" "5276867" "5423038" "5430661" "5491338" "5607305" "5613109" "5657267" "5715422" "5732278" "5733126" "5748870" "5777811" "5790183" "5797027" "5796436" "5815413" "5835955" "5836889" "5875297").pn. | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:44 |
| L2    | 17   | L1 and (data adj storage) and (convert\$3 or convers\$4)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:46 |
| L3    | 2426 | hitachi and (data adj storage) and (convert\$3 or convers\$4)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:47 |
| L4    | 1729 | hitachi and ltd and (data adj storage) and (convert\$3 or convers\$4)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:47 |
| L5    | 1432 | (hitachi adj ltd) and (data adj storage) and (convert\$3 or convers\$4)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:48 |
| L6    | 64   | (hitachi adj ltd) and (data adj storage) and (convert\$3 or convers\$4) and encrypt\$   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:50 |
| L7    | 16   | (hitachi adj ltd) and (data adj storage) and cryptographic  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:55 |
| L8    | 4    | "799086".ap.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:55 |
| L9    | 14   | (380/255.ccls.) and (data adj storage) and cryptographic  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:56 |
| L10   | 93   | (380/277.ccls.) and (data adj storage) and cryptographic  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:56 |
| L11   | 119  | (713/200.ccls.) and (data adj storage) and cryptographic  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:56 |
| L12   | 69   | (713/200.ccls.) and (data adj storage) and cryptographic and (convert\$3 or convers\$4)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:56 |
| L13   | 69   | (713/201.ccls.) and (data adj storage) and cryptographic and (convert\$3 or convers\$4)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/11 13:56 |
| S1    | 4    | "799086".ap.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/09 09:32 |

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| S2  | 1      | "OSAKI, NOBUYUKI"  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 12:58 |
| S3  | 133465 | data adj storage   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 12:59 |
| S4  | 116    | (encrypted adj data adj storage)   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 09:19 |
| S5  | 1      | (encrypted adj data adj storage)<br>same convert\$3  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 13:19 |
| S6  | 709    | (encrypted adj data ) same<br>convert\$3   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 13:19 |
| S7  | 464    | (encrypted adj data ) with<br>convert\$3   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 13:19 |
| S8  | 317    | (encrypted adj data ) near3<br>convert\$3  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 13:19 |
| S9  | 248    | (encrypted adj data ) near<br>convert\$3   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 13:20 |
| S10 | 116    | (encrypted adj data adj storage)and<br>(decrypt\$3 or read\$3 or writ\$3 or<br>execut\$3 or cryptograhpic or logic<br>or circuitry or request or component<br>or (data adj block) or (file adj<br>system) or engine or replac\$3 or<br>criteria or second or first or storage<br>or data or communication or<br>sequential or network or prescribed<br>or format or overwrit\$3) | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 13:53 |
| S11 | 812    | (convert\$4 or convers\$4)same(read<br>adj request)  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 14:55 |
| S12 | 46     | ((convert\$4 or convers\$4)near<br>format)same(read adj request)   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 14:55 |
| S13 | 1      | ((convert\$4 or convers\$4)near<br>encryp\$4)same(read adj request)  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 14:58 |
| S14 | 74     | (read adj request) same decrypt\$4   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 14:58 |
| S15 | 46     | (read adj request) with decrypt\$4   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 14:59 |
| S16 | 46     | ((read adj request) with decrypt\$4)<br>and encrypt\$3   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 15:03 |
| S17 | 2088   | (read with decrypt\$4) and<br>(conver\$5)  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 15:05 |
| S18 | 239    | (read with decrypt\$4) same<br>(conver\$5)   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 15:05 |
| S19 | 154    | (read with decrypt\$4) same<br>(conver\$5) and @pd<"20040319"  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 15:06 |
| S20 | 153    | (read with decrypt\$4) same<br>(conver\$5) same (encrypt\$4 or<br>decrypt\$4) and @pd<"20040311"   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/09 15:07 |

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| S21 | 103  | (read with decrypt\$4) same (convert\$4) and @pd<"20040311"  | US-PGPUB; USPAT | OR | ON | 2005/08/09 15:34 |
| S22 | 29   | (read with decrypt\$4) same (data near (convert\$4 or conversion)) and @ad<"20040311"  | US-PGPUB; USPAT | OR | ON | 2005/08/09 16:35 |
| S23 | 2339 | (file adj system) and ((read or write)adj request) and ("i/o" or input or output)  | US-PGPUB; USPAT | OR | ON | 2005/08/09 16:36 |
| S24 | 721  | (file adj system) and ((read or write)adj request) and ("i/o" or input or output) and (data adj block) and @pd<"20040319"                  | US-PGPUB; USPAT | OR | ON | 2005/08/09 16:37 |
| S25 | 156  | (file adj system) same((read or write)adj request) and ("i/o" or input or output) and (data adj block) and @pd<"20040319"                  | US-PGPUB; USPAT | OR | ON | 2005/08/09 16:37 |
| S26 | 53   | (file adj system) same((read or write)adj request) same ("i/o" or input or output) and (data adj block) and @pd<"20040319"                 | US-PGPUB; USPAT | OR | ON | 2005/08/09 16:37 |
| S27 | 10   | (file adj system) same((read or write)adj request) same ("i/o" or input or output) same (data adj block) and @pd<"20040319"                | US-PGPUB; USPAT | OR | ON | 2005/08/09 16:58 |
| S28 | 5    | (file adj system) same((read or write)adj request) same ("i/o" or input or output) same (data adj block) and @pd<"20040319" and sequential | US-PGPUB; USPAT | OR | ON | 2005/08/10 09:00 |
| S29 | 16   | (661149 055431 947370).ap.   | US-PGPUB; USPAT | OR | ON | 2005/08/10 09:01 |
| S30 | 3    | (US-20030140070-\$ or US-20040125077-\$).did. or (US-5289581-\$).did.  | US-PGPUB; USPAT | OR | ON | 2005/08/10 17:02 |
| S31 | 1    | "00221966"   | US-PGPUB; USPAT | OR | ON | 2005/08/10 13:20 |
| S32 | 17   | "0021966"  | US-PGPUB; USPAT | OR | ON | 2005/08/10 09:20 |
| S33 | 3    | "0021986"  | US-PGPUB; USPAT | OR | ON | 2005/08/10 09:21 |
| S34 | 3    | "570989"   | US-PGPUB; USPAT | OR | ON | 2005/08/10 09:22 |
| S35 | 2    | "6570989"  | US-PGPUB; USPAT | OR | ON | 2005/08/10 09:24 |
| S36 | 4    | ("6570989" 5987572 5742686 5548648).pn.  | US-PGPUB; USPAT | OR | ON | 2005/08/10 09:33 |
| S37 | 0    | 2005/0021986   | US-PGPUB; USPAT | OR | ON | 2005/08/10 09:27 |

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| S38 | 0     | "US 2005/0021986"   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 09:27 |
| S39 | 1     | "0140070"   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 09:28 |
| S40 | 10    | "055431"  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 09:28 |
| S41 | 8     | ("6570989" 5987572 5742686 5548<br>648 5940507 5677952 5235641 52<br>08813).pn.   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 17:03 |
| S42 | 8     | ("6570989" 5987572 5742686 5548<br>648 5940507 5677952 5235641 52<br>08813).pn. and (data or storage or<br>convert\$3 or encrypt\$3 or<br>\$decrypt\$3 or read\$3 or writ\$3) | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 09:48 |
| S43 | 29287 | (database or "data base" or "data<br>storage" or "data repository") same<br>(convert\$3 or converssion)   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 09:50 |
| S44 | 14247 | (database or "data base" or "data<br>storage" or "data repository") with<br>(convert\$3)  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 09:50 |
| S45 | 1453  | (database or "data base" or "data<br>storage" or "data repository") near<br>(convert\$3)  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 09:51 |
| S46 | 1092  | (database or "data base" or "data<br>storage" or "data repository") near<br>(convert\$3) and @pd<"20040319"   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 09:51 |
| S47 | 291   | (database or "data base" or "data<br>storage" or "data repository") near<br>(convert\$3) and security and<br>@pd<"20040319"   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 09:52 |
| S48 | 23    | (database or "data base" or "data<br>storage" or "data repository") near<br>(convert\$3) same security and<br>@pd<"20040319"  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 09:56 |
| S49 | 1415  | (database or "data base" or "data<br>storage" or "data repository") near<br>(convert\$3 or conversion) and<br>@pd<"20040319"  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 09:56 |
| S50 | 5     | ((database or "data base" or "data<br>storage" or "data repository") near<br>(convert\$3 or conversion) same<br>encrypt\$3) and @pd<"20040311"                                | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 10:06 |
| S51 | 463   | ((database or "data base" or "data<br>storage" or "data repository") same<br>conver\$5 same encrypt\$3) and<br>@pd<"20040311"   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 10:08 |
| S52 | 5     | ((database or "data base" or "data<br>storage" or "data repository") near<br>conver\$5 same encrypt\$3) and<br>@pd<"20040311"   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 10:08 |

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| S53 | 1470 | ((database or "data base" or "data storage" or "data repository") near conver\$5 ) and @pd<"20040311"  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 10:09 |
| S54 | 498  | ((database or "data base" or "data storage" or "data repository") near conver\$5 and secur\$4 ) and @pd<"20040311"   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 10:10 |
| S55 | 141  | ((database or "data base" or "data storage" or "data repository") near conver\$5 and secur\$4 and encrypt\$3) and @pd<"20040311"                                     | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 10:11 |
| S56 | 141  | ((database or "data base" or "data storage" or "data repository") near conver\$5) and secur\$4 and encrypt\$3) and @pd<"20040311"                                    | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 10:14 |
| S57 | 25   | ((database or "data base" or "data storage" or "data repository") and (crypt\$10 near conver\$5) ) and @pd<"20040311"  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 10:30 |
| S58 | 6    | "810575".ap.   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 10:32 |
| S59 | 0    | (database or "data base" or "data storage" or "data repository") and ((read adj request) same decrypt\$3) and @pd<"20040311"   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 10:34 |
| S60 | 0    | (database or "data base" or "data storage" or "data repository") and ((read adj request) same decrypt\$3) and @ad<"20040311"   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 10:34 |
| S61 | 49   | (database or "data base" or "data storage" or "data repository") and ((read adj request) same decrypt\$3) and @ad<"20040311"   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 11:11 |
| S62 | 5    | (database or "data base" or "data storage" or "data repository") and ((read adj request) same decrypt\$3) and @ad<"20040311" and sequential                          | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 11:12 |
| S63 | 5    | (database or "data base" or "data storage" or "data repository") and ((read adj request) same decrypt\$3) and @ad<"20040311" and sequential and write                | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 11:13 |
| S64 | 3    | (database or "data base" or "data storage" or "data repository") and ((read adj request) same decrypt\$3) and @ad<"20040311" and sequential and (write near request) | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 11:14 |

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| S65 | 1 | (database or "data base" or "data storage" or "data repository") and ((read adj request) same decrypt\$3) and @ad<"20040311" and sequential and (write near request) and (data near block) | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 11:15 |
| S66 | 4 | "704115"   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 13:20 |
| S67 | 5 | (US-20030149881-\$ or US-20030037247-\$ or US-20040025035-\$ or US-20030037202-\$).did. or (US-5283828-\$).did.  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 17:01 |
| S68 | 0 | S67 and engine   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 17:01 |
| S69 | 3 | (US-20030140070-\$ or US-20040125077-\$).did. or (US-5289581-\$).did.  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 17:02 |
| S70 | 1 | S69 and engine   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 17:02 |
| S71 | 8 | ("6570989" 5987572 5742686 5548648 5940507 5677952 5235641 5208813).pn.  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/10 17:03 |
| S72 | 1 | S71 and engine   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/11 13:44 |